

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5**

DATE: October 15, 1999

SUBJECT: Reports of Significant Developments and Activities
Ending on October 8, 1999

FROM: William E. Munro, Director
Superfund Division

TO: Francis X. Lyons
Regional Administrator

David A. Ullrich
Deputy Regional Administrator

The activities listed below are organized by site-specific activities, other significant developments, and training/conferences:

SITE-SPECIFIC ACTIVITIES

Removal Completed, Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site (Allied Paper Site), Kalamazoo, Michigan

In late September 1999, the United States Environmental Protection Agency (U.S. EPA), using U.S. Army Corps of Engineer Rapid Response contract support, completed a time-critical removal action at the Bryant Mill Pond portion of the Allied Paper site, which is an Operable Unit (OU) of the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund site in Kalamazoo and Allegan Counties, Michigan. Approximately 150,000 cubic yards of polychlorinated biphenyl (PCB) contaminated residual paper pulp waste, soil, and sediment (20,000 pounds of PCBs by mass) were removed from the 22-acre area. The removed material was dewatered in four existing onsite lagoons/settling basins, solidified in-place, and graded for drainage. Consolidation areas were backfilled and seeded. About 4,000 feet of Portage Creek was diverted to facilitate the removal and about 8 million gallons of water were treated and discharged during the removal. The Michigan Department of Environmental Quality and potentially responsible parties are nearing the completion of the remedial investigation/feasibility study for this OU and will begin implementing further remedial action on site. Installation of a permanent sheet pile and groundwater collection system along Portage Creek is to begin in November 1999.

Contacts: Brad Stimple (312-886-0406)
Larry Johnson (312-886-6609)

**Construction Completed, National Presto Industries, Inc.
Superfund Site, Eau Claire, Wisconsin**

In September 1999, construction was completed at the 320-acre National Presto Industries site in Eau Claire, Wisconsin. The site was used to manufacture munitions for the Army from the 1940s thru the 1970s. A series of removal and remedial actions have addressed a number of waste lagoons, buried wastes, and on- and off-site ground water plumes. The lagoons have been excavated for off-site treatment and on-site disposal, drummed wastes have been disposed off-site, other wastes and contaminated soils have been consolidated on-site in a 10-acre capped landfill, and several ground water pump-and-treat systems are operating. In addition, an air stripping system installed on the City water supply wells will continue to operate as required by the Record of Decision (ROD) for the companion Eau Claire Municipal Well Field Superfund site. Finally, the City of Eau Claire is currently discussing redevelopment options for portions of the site with the owner.

Contacts: Mike Bellot (703-603-8905)
Lawrence Schmitt (312-353-6565)

**Preliminary Closeout Reports Completed, Kummer Sanitary Landfill,
East Bethel Demolition Landfill, and St. Augusta Sanitary
Landfill/Engen Dump Superfund Sites, in Bemidji, East Bethel, and
St. Augusta (respectively), Minnesota**

On September 14, 1999, a site visit confirmed that construction was complete at the Kummer Sanitary Landfill Superfund site in Bemidji, Minnesota. Construction consisted of providing an alternate water supply for nearby residents and capping of the landfill.

On September 15, 1999, a site visit confirmed that construction was complete at the East Bethel Demolition Landfill Superfund site in East Bethel, Minnesota. Construction consisted of capping the landfill and installing a passive gas venting system and gas probes.

On September 15, 1999, a site visit confirmed that construction was complete at the St. Augusta Sanitary Landfill/Engen Dump Superfund site in St. Augusta, Minnesota. Construction consisted of building a groundwater collection system, building a groundwater treatment system, and capping the landfill.

Contact: Tony Rutter (312-886-8961)

Record of Decision Signed, Construction Completion, Pagel's Pit Superfund Site, Winnebago County, Illinois

On September 30, 1999, William E. Muno, Director, Superfund Division, signed a Record of Decision for the remedy for Operable Unit (OU) 2 and a change of part of the remedy for OU 1. OU 1 at this operating solid waste landfill consists of the wastes, soils, and groundwater at the site, except for the groundwater in the southeast corner of the property for the original landfill, which is OU 2. The remedy for OU 2 is institutional controls. The remedy change for OU 1 is monitored natural attenuation, with a contingency, and institutional controls placed on land to the west of the landfill where the groundwater is contaminated at unacceptable levels. The original remedy for the groundwater of OU 1 was barrier wells. The original remedy also included source control and institutional controls for the waste disposal area. Since all remaining construction activity at the site is to be completed by the landfill operator in accordance with the operating permit issued by the Illinois Environmental Protection Agency and long-term groundwater monitoring requirements are specified in a Consent Decree and are required by the existing operating permit, the U.S. EPA has determined that its response at the site is complete and the site now qualifies for inclusion on the Construction Completion List.

Contact: Bernard Schorle (312-886-4746)

Record of Decision Signed, Outboard Marine Corporation Superfund Site (Waukegan Coke Plant Site), Waukegan, Illinois

On September 30, 1999, a Record of Decision was signed for the Waukegan Coke Plant Operable Unit of the Outboard Marine Corporation Superfund site in Waukegan, Illinois. The site was used for railroad tie creosote operations, manufactured gas, and coke manufacturing. The remedy includes excavation and off-site co-burning of an estimated 15,000 cubic yards of polycyclic aromatic hydrocarbon (PAH) contaminated soils; in-situ stabilization of an estimated 7,000 cubic yards of arsenic contaminated soils; off-site treatment/disposal of 4,500 cubic yards of creosote contaminated soils; a combination vegetative, asphalt, and buildings cover; and, an innovative mobile cell based pump-and-treat system which will target a highly contaminated layer of ground water. Ground water treatment, prior to reinjection to stimulate intrinsic bioremediation, will include electro-chemical precipitation for arsenic, biological treatment for organic compounds, and aerobic denitrification for

ammonia. The cell based treatment is estimated to take 7 years and will be followed by monitored natural attenuation. The estimated cost of the remedy is \$27,500,000.

Contacts: Mike Bellot (703-603-8905)
Kevin Adler (312-886-7078)
Lawrence Schmitt (312-353-6565)

Five-Year Review Completed, Northside Sanitary Landfill, Inc. Superfund Site, Zionsville, Indiana

On September 15, 1999, William E. Muno, Director, Superfund Division, signed a five-year review report for the Northside Sanitary Landfill Superfund site (NSL) in Zionsville, Indiana. A site inspection was completed by Remedial Project Manager Jeff Gore in August 1999.

The NSL site is currently in operation and maintenance. Completed remedial action components at NSL include a Resource Conservation and Recovery Act (RCRA) hazardous waste performance cap; a hydraulic isolation wall on the south and west sides of the landfill; a combined leachate/on-site groundwater collection system; a transfer station building for collection and storage of leachate/on-site groundwater to be trucked for disposal to an off-site treatment plant; a groundwater and leachate monitoring program to assure that off-site migration doesn't occur; and access restrictions such as a site fence.

Contact: Jeff Gore (312-886-6552)

OTHER SIGNIFICANT DEVELOPMENTS

Engineering Evaluation/Cost Analysis 8(a) Contract Awarded, Milwaukee, Wisconsin

On September 30, 1999, an 8(a) Environmental Engineering/Cost Analysis (EE/CA) contract was awarded to TN&A, which is located in Milwaukee, Wisconsin. (An 8(a) firm is a small company owned and operated by socially and economically disadvantaged persons which is participating in a program under Section 8(a) of the Small Business Act.) This contract is intended to support Region 5's remedial and removal cleanup efforts. The contract capacity is \$3,000,000 and the period of performance is three years. To date, Region 5 has issued two EE/CA projects under this contract.

Contact: Gail Nabasny (312-353-1056)

**Emergency Rapid Response Services Small Business Contract
Awarded, Hendersonville, Tennessee**

On September 30, 1999, a Small Business Emergency Rapid Response Services (ERRS) contract was awarded to Ferguson Harbor, Inc., which is located in Hendersonville, Tennessee. This contract is intended to support Region 5's emergency and time critical removal efforts. The contract requires the contractor to respond to an emergency within three to twelve hours, dependent upon location. The contract capacity is \$5,000,000 and the period of performance is three years.

Contact: Gail Nabasny (312-353-1056)

TRAINING/CONFERENCES

**Preparedness, Observation, Planning Emergency Exercise (POPEYE),
Highland, Indiana**

On October 2 and 3, 1999, Glenn Cekus, Office of Chemical Emergency Preparedness and Prevention (OCEPP), participated as an evaluator at a HAZMAT and radiological spill exercise in Highland, Indiana. Also acting as an evaluator was Chris Christensen, Emergency Enforcement Response Branch, Oil Planning and Response Section (EERB, OPRS), with several other U.S. EPA Superfund staff participating as controllers, players and observers. Mr. Cekus noted that, although communications were excellent and response time was rapid, problems included failure to establish an isolation zone after the release (resulting in no evacuation or shelter in place order), failure to use the Local Emergency Planning Committee contingency plan (which included a radiological response annex), poor incident site control, no wind direction indicators, and multiple press interviews occurring simultaneously (at least initially). Mr. Cekus provided a copy of his observations along with verbal comments to the chief evaluator during the exercise debrief. The intent is to address the errors so that they are not repeated during future exercises and, most significantly, during an actual response.

Contact: Glenn Cekus (312-353-6449)

**American Institute of Chemical Engineers International Conference
and Workshop, San Francisco, California**

From September 27, 1999 through October 1, 1999, Mark Horwitz and Bob Mayhugh of the Office of Chemical Emergency Preparedness and

Prevention (OCEPP) attended the American Institute of Chemical Engineers (AIChE's) International Conference and Workshop on Modeling the Consequences of Accidental Releases of Hazardous Materials in San Francisco, California. The conference consisted of 4 days of plenary sessions covering various aspects of release modeling and consequence analysis. Workshops on topics such as Communicating Risks to Non-technical Persons, and Regulatory Updates on Section 112(r) of the Clean Air Act and its foreign equivalents. The conference was attended by approximately 250 people from a wide variety of countries.

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